40344

# FOREST AND STREAM

ESTABLISHED 1873

For Half a Century the Recognized Sportsman's Authority in America

Volume 94

JANUARY TO DECEMBER

1924

CALIFORNIA STATE LIBRARY

FOREST AND STREAM PUBLISHING COMPANY

221 WEST 57th STREET :: NEW YORK CITY

# INDEX TO CONTENTS

## BOOK REVIEWS


| | Page |
|---|---|
| African Holiday, An | 767 |
| Angler's Companion, The | 481 |
| Animal Life in the Yosemite | 481 |
| Below the Snow Line | 57 |
| Birds | 384 |
| Days Off in Dixie | 481 |
| Jack Miner and the Birds | 302 |
| Kennel Kraft | 421 |
| Recollections of My Fifty Years Hunting and Fishing | 227 |
| Rowing | 481 |
| Salmon and the Dry Fly, The | 617 |
| Salt Water Angler, The | 767 |
| Shooting Over Decoys and Other Hunting Tales | 255 |
| V. L. & D. Sportsmen's Hand Book | 128 |
| Where to Fish | 319 |


## CAMPING AND AUTO TOURING


| | |
|---|---|
| Carlsbad Cavern | 768 |
| Custer Battlefield Hiway, The—W. D. Fisher | 290 |
| Gates of the Rockies, The | 548 |
| Let Your Budget Be Your Guide—Kathryn Hulme | 462 |
| Minnesota Lakes—H. C. Hotaling | 358 |
| Natural Attractions of Isle Royale | 618 |
| New Motor Camping Outfit | 288 |
| Notes on Winter Camping—Seneca | 93 |
| Of Interest to National Park Tourists | 430 |
| Too Much Civilization? | 420 |
| Touring With Raymond Spears—Raymond S Spears | 17 |
| Touring With Raymond Spears—Raymond S. Spears | 79 |
| Touring With Raymond Spears—Raymond S. Spears | 152 |
| Touring With Raymond Spears—Raymond S Spears | 216 |
| Touring With Raymond Spears—Raymond S. Spears | 270 |
| Touring With Raymond Spears—Raymond S. Spears | 404 |
| Valuable Canadian Booklets Available | 618 |
| Verendrye National Monument | 576 |
| White Mountain National Forest, The—R. S. | 162 |
| Yellowstone Trail Side Trips | 616 |


## CANOEING AND BOATING


| | |
|---|---|
| Canoeing on Olympic Sports Programme—Aubrey E. Ireland | 299 |
| Canoeing to James Bay—H. R. Hubbard | 456 |
| Canoeing to James Bay—H. R. Hubbard | 522 |
| How to Build a Small Fishing Skiff—C. E. Bradley | 202 |
| Mosquito, Moose and Mascalonge—Hubert G. Foote | 146 |
| Mosquito, Moose and Mascalonge—Hubert G. Foote | 200 |
| Mosquito, Moose and Mascalonge—Hubert G. Foote | 266 |
| Mosquito, Moose and Mascalonge—Hubert G. Foote | 330 |
| Mosquito, Moose and Mascalonge—Hubert G. Foote | 396 |
| New Amendments A. C. A. | 428 |
| Proposed Changes in A. C. A. Rules—Leo Friede | 618 |
| Thru Quebec Wilds—J. W. Evans | 586 |
| Thru Quebec Wilds—J. W. Evans | 714 |


## CONSERVATION


| | |
|---|---|
| Anti-Pollution Measures | 383 |
| Appalachian Park Work Progressing | 300 |
| Bad Smoke!—Stag Murray | 400 |
| Changes in New Jersey Game Laws | 299 |
| Deer Plentiful in Westchester County, N. Y.—Observer | 64 |
| Fight for Evergreen Trees, The—N. Y. State College of Forestry | 92 |
| Gorilla Sanctuary | 302 |
| Klamath River Menaced—F. W. Newpert, Fish & Game Commission | 429 |
| Nebraska Crow Shoot, A—J. B. Landreth | 356 |
| "New Forest Protector, A" | 357 |
| Notes on the Glass Snake—Dr. R. W. Shufeldt, C. M. Z. S., etc | 24 |
| Other Side of the Elk Question, The—Geo. H. Northrup | 29 |
| Pennsylvania's Game Refuge System | 328 |
| Protecting National Park Rights | 500 |
| Protecting Wild Flowers | 431 |
| Reynard of the Gray Cloak—Don Cameron Shafer | 10 |
| Snowshoe Rabbits Thwart Forest Planting in Minnesota | 768 |
| Standing Redwoods Worth More Than Lumber—J. D. Grant | 91 |
| Stock Streams for New Jersey | 302 |
| Transplanting Rabbits | 768 |
| Vandals in Fur and Feathers—W. J. Schaldach | 226 |
| Western Wild Life Increasing | 423 |
| What We Discover Through Game Census | 235 |


## DOGS


| | |
|---|---|
| Beagle Hound, The—Roy Thayer | 654 |
| Bird Dog Stunts—Seneca | 574 |
| Bobbie, a Homing Collie—Bryan P. Martin | 382 |
| Dinks, a Natural Bird Dog | 510 |
| Lost Dog—Lou Smith | 207 |
| New England Field Trial Club—Vinton W. Mason, Secretary | 88 |
| Pete—Lou Smith | 318 |
| Retrievers I Have Met—Frank Rorke | 638 |
| Retrievers I Have Met—Frank Rorke | 702 |
| Retrievers I Have Met—Frank Rorke | 766 |
| Training the Beagle—Cardnigan | 190 |
| Types of Grouse Dogs—Seneca | 446 |


## EDITORIAL COMMENT


| | |
|---|---|
| Alaska Game Law Now Under Department of Agriculture | 536 |
| American Olympic Rifle Team | 407 |
| American Riflemen Answer Swiss | 598 |
| Angling and Anglers | 212 |
| Big Game Census | 598 |
| Biological Survey Report | 83 |
| Birds to be Banded at Mouth of Yukon | 407 |
| Bird Valor | 213 |
| Buffalo Meat Sent to Washington | 339 |
| Chestnut Blight in Georgia | 599 |
| Collie Intelligence | 274 |
| Dance of the Gods, The | 598 |
| Deer in New Jersey | 149 |
| Deer to be Given Away by the Forest Service | 665 |
| Destruction of Game Country by Beaver River Dam | 472 |
| Destruction of Klamath Fishery Resources Would Affect Indians | 599 |
| Dr. Chas. C. Mitchell | 83 |
| Drugs Affect Fish | 537 |
| Episode | 148 |
| Federal Game Laws Apply on All Navigable Waters | 729 |
| Firewood | 339 |
| Fish Live After Hearts Stop | 473 |
| Footprint Studies | 18 |
| Gray Vistas and Brown Depths | 664 |
| Green Rafters | 149 |
| Hand-Raised Quail | 275 |
| Haven and a Refuge, A | 82 |
| How Do You Close a Shotgun? | 213 |
| Klamath Lake Bird Refuge Likely to be Restored | 728 |
| Latest Game Law Amendment | 537 |
| Leonard Hulit | 664 |
| Lowly Carp Made Eatable | 537 |
| March | 148 |
| More Drainage | 19 |
| Mountain Climbing | 339 |
| Move to Restore Drained Land | 274 |
| National Forests Are Popular | 148 |
| National Park Work | 212 |
| National Recreation Conference | 406 |
| N. R. A. | 19 |
| Nature and Man | 728 |
| Nature From a Train Window | 338 |
| Nature's Barometers | 665 |
| New Wild Life Refuge to be Established | 537 |
| Parasitic Rabbit Disease | 149 |
| Paul J. Rainey Memorial | 473 |
| Piscatorial Luck or Arcadia | 275 |
| Plan to Save the Ducks | 18 |
| "Porky" is a Fast Worker in Bark-Eating Contest | 729 |
| Reason for the Unstable Balance of Nature, The | 19 |
| Red Squirrel Classed with Crow | 274 |
| Redwoods League Saves Another Grove | 407 |
| Restlessness and Spring | 338 |
| Ruffed Grouse Disease | 82 |
| Seasonal Color Change in Wild Life | 213 |
| Shoshone Cavern National Monument | 473 |
| Southern Hardwoods Yielding an Untended Harvest | 407 |
| State Supreme Court Decision, A | 728 |
| Summer Brooks | 472 |
| Trout Planted in Yellowstone Park | 599 |
| Twenty Years Ago | 275 |
| Two New Eastern Game Refuges Created | 599 |
| U. S. Government Saves Seals From Extinction | 536 |
| Vacation Opportunity, A | 338 |
| Valuable Furs Shipped From Alaska | 213 |
| Villain in Fine Feathers, A | 83 |
| Weather Reports Serve as Fire Alarms for Forest Service | 665 |
| We have Enough Tillable Land | 212 |
| What Becomes of Elephant Skeletons? | 274 |
| Wild Duck Feeding Grounds | 82 |
| Wild Life Conservation in National Parks | 729 |
| William Keener | 536 |
| William Morgan—("U. M. C.")—Thomas | 23 |
| Witchery of Possession, The | 338 |
| Woods-Hunger | 406 |


## FISH AND FISHING


| | |
|---|---|
| Alexandria Bay "Musky", An—Gordon S. P. Kleeberg | 590 |
| Angling for Common Fishes—Robert Page Lincoln | 398 |
| Angling for Common Fishes—Robert Page Lincoln | 460 |
| Angling for Common Fishes—Robert Page Lincoln | 526 |
| Barbless Hook, The—R. Schrenkeisen | 100 |
| Bass and Flies—Wm. H. Ferris | 525 |
| Bit of Southern Angling, A—Eugene J. McGivney | 726 |
| Brook Trout and Prunes—M. M. Shepard | 431 |
| Canadian Bungalow Camp Trophy Results | 737 |
| C. P. R. Bungalow Camp Trophies | 550 |
| Can Fish Hear?—P. Berryman | 145 |
| Casting for Channel Bass with Light Lure—John A. Gaines, M. D. | 86 |
| Deep Water Fishing—Fred A. Waldron | 463 |
| Dry Fly on the Sourdnahunk—George K. Woodworth | 261 |
| First Aid to Trophies of the Rod—Harry A. Moorman | 332 |
| Fisherman's Lunch, The—"Ash" | 30 |
| Fishing in Brooks—Louis Rhead | 269 |
| Fishing the Evening Rise—Louis Rhead | 418 |
| Fly Fishing Facts for Beginners—Virginius | 393 |
| Fly Fishing for the Gamy Little Trout Pickerel—Louis Rhead | 481 |
| Gut, Leaders and Leader Tying—Harry Irwin | 336 |
| Initiation of Raymond, The—Richard L. Sutton, M. D. | 76 |
| It is Not All of Fishing to Fish—Dr. James Alexander Henshall | 525 |
| Jackie Coogan Enters the Sonny Boy Fishing Contest | 210 |
| Live and Artificial Frogs as Bait—Louis Rhead | 585 |

72825

## FISH AND FISHING—Continued.


| | Page |
|---|---|
| Mountain Waters—Edwin C. Hobson | 469 |
| Of Interest to Surf Fisherman—Switch Reel | 233 |
| Old Cane Johnny, The—Dr. W. Luther Holt | 98 |
| On a Pennsylvania Trout Stream—Edwyn Sandys | 197 |
| Raymond's Reply—R. J. Delano | 140 |
| Recollections of a Nova Scotia Salmon Angler—Capt. Laurie D. Mitchell | 208 |
| Record Catch of Salmon?, A | 682 |
| Salmon Fishing With Fast Moving Flies—Douglas Wetmore Clinch | 453 |
| Skittering—Dr. Henry Pleasants, Jr. | 261 |
| Sonny Boy Fishing Contest | 14 |
| Sonny Boy Fishing Contest | 94 |
| Sonny Boy Fishing Contest | 158 |
| Sonny Boy Fishing Contest | 297 |
| Sonny Boy Fishing Contest | 362 |
| Sonny Boy Fishing Contest | 405 |
| Sonny Boy Fishing Contest | 483 |
| Troubles of Spring Trout Fishing, The—Louis Rhead | 205 |
| Trout Fishing in Lakes—Louis Rhead | 521 |
| Trout Fishing Observations—Henry Austin Chadwick | 352 |
| Unique Way to Land the Great Northern Pike, A—Louis Rhead | 649 |
| When the Witch Hobble Blooms—Paul Brandreth | 402 |


## FOREST & STREAM LETTERS


| | Page |
|---|---|
| Abe LaFave, the Veteran Guide—I. S. Trostler, M. D. | 218 |
| Against the "Porky"—Grace Soule | 739 |
| Airedale With Piscatorial Instincts, An—Dr Waldo H. Murray | 410 |
| Alaskan Reader Also Defends Porky—G. R. MacVicker, U. S. N. | 604 |
| Albino Deer, An—D. G. Hodgkins | 414 |
| Another Case of "Over the Back"—J. Warren Rogers | 156 |
| Another Explanation of the "Woodland Tragedy"—I. S. Trostler, M. D. | 155 |
| Another Homing Dog—Dr A. B. Grubb | 411 |
| Another Road Runner Tale—John Latimore | 480 |
| Another Tale of the Last Flight of Pigeons—Dr. Piatt H. Anderson | 410 |
| Another Viewpoint on Vaccinating Dogs—G. A. Gordon, M. D. | 604 |
| Appeal to Hunters An—John J. Munster | 606 |
| Appreciation from Nova Scotia, An—Joe Kose | 320 |
| Attention Mr. F. R Hodges—A Constant Reader | 93 |
| Banditry Put Down by Straight Shooting—C. H. Dahl | 610 |
| Beavers and Beaver Construction—Lilburn Hallberg | 603 |
| Big Eel, A—W. J. Pettit | 156 |
| Black or Gray Squirrel? — Fred F. Weld | 738 |
| Black Snake, The—Edwin T. Whiffen | 222 |
| Buck Law, The—Walter Kelshaw | 218 |
| Catching Deer by the Tail—Constant Reader | 28 |
| Chamberless Shotguns—F. G Warner | 286 |
| Change of Sentiment, A — Jasper B. White | 27 |
| Civilized Bear, A—C. S. Edmundson | 157 |
| Correction—Geo. F. Taylor | 479 |
| Courage of a Cornered Weasel, The—William Abdiel Thompson | 282 |
| Coyotes Menace in Michigan—Earl C. Frick | 64 |
| Crappies—Mrs. Virginia Sherrod | 222 |
| Crappies and a Talk on Still Fishing—Ernest G Babcock | 342 |
| Crows Carry Eggs Without Spilling Contents—Dr. H. M. Beck | 555 |
| Crows With the .22—W. H. McCoy | 26 |
| Desert The—Dr. W. Luther Holt | 411 |
| Disagrees With Jasper White—Converse Cleveland | 412 |
| Disagrees With Mr. Stacy—G. G. Graham | 544 |
| Elk Conditions in Montana—Ernest Miller | 410 |
| Evening Grosbeak in Michigan, The—Ralph Beebe | 351 |
| Experience with a Weasel, An—Everette Kappmeyer | 320 |
| Experience with an Elephant, An—Major J. A. Considine | 350 |
| Fine Catch of Pike, A—L. A. Fritzam | 88 |
| Fishing Around Mt. Desert — W. G. Freedly, Jr. | 477 |
| Fishing Club Progresses—Ralph C. Erskine | 348 |
| Fox Carries Five Chickens Over Its Back—Geo E. Whitten, M. D. | 417 |
| Frederick Potter on the Beaver River Dam Project—Frederick A. Potter | 672 |
| Friendly Gun Chat, A—Thomas H Grant | 25 |
| Further Bird Dog Stunts—W. N. Fowler, M. D. | 674 |
| Further Comment on the Glass Snake—C. P. Yeatman | 349 |
| Further Data on Record Catches of Salmon—R. B. Marston | 736 |
| Game Notes From a Corner of Maine—John L. Woodbury | 89 |
| Getting Rid of the Texas Coyote—F. L. Emerson | 97 |
| Good Home-Made Bird Bath, A—Parker P. King | 284 |
| Good Long Bow and Clothyard Shaft, The—Harvey Losee | 610 |
| His First Gun—W. H. Heeker | 415 |
| Home-Made Pistol, A—Carl C. Chase | 605 |
| Home of the Camping Tourist | 156 |
| Hookless Bullheading—Howard Henderson | 674 |
| How Father Caught a Deer—Eli Chapman | 284 |
| How Large Do Carp Grow?—Dr. Laban A. Steeves | 672 |
| Hungarian Partridge in Manitoba—Robert Armstrong | 640 |
| Hunting and Fishing on Butt-des-Morts—John L. Hannes | 416 |
| Immense White Perch, An—George J. Healy | 224 |
| In Defense of "Porky"—L. V. Shaw | 346 |
| Interesting Notes on Bamboo—Arthur T. Brice | 348 |
| Introducing Guineas—J. Gregg Smith | 348 |
| Is There Also a Parasitic Deer Disease? W. W. Sanders | 286 |
| Just Carping—O. Chip. Wehmueller | 165 |
| Lad Lands Large Channel Bass and Shark—Jerome S. Shear | 670 |
| La Premiere—R. F. P. | 27 |
| Large Catfish—E. G. Lang | 546 |
| Large Mackinac Trout—Howard Slaten | 606 |
| Large White Tail Buck—Capt Elwin S. Lackey | 478 |
| Left Behind—Bill Mead | 155 |
| Letter From an Old Forest and Stream Reader, A —S. B. Dow | 278 |
| Let the Fox Live—S. E. Maguire | 282 |
| Ling, The—Paul Jones | 411 |
| "Ling, The"—R. B. Marston | 546 |
| Long Shots—J. W. Franklin | 736 |
| Mascalonge in Tennesee River — A. L. Loeb | 542 |
| Michigan Muskies—M. W. Matteson | 608 |
| Mr. Jones on the Fox Question—Dr. B. T. Jones | 156 |
| More About Large Brown Trout—"Ashokan" | 164 |
| More About the Gray Fox—E. A. Vickroy | 89 |
| More About the Passenger Pigeon—Eli Chapman | 164 |
| Mountain Lions—Frank E. Liebig | 671 |
| Necessity the Mother of Invention—R. K. (Bob) Armstrong | 738 |
| New Brunswick Hunting Opportunity—W. W. Wagner | 603 |
| New Rod and Gun Club—Dr. G. W. Reimche | 384 |
| No Puppies for Sale—Jetta W. Ernest | 218 |
| Northern Fox Hunting Again—Harry A. Donaldson | 90 |
| Northern Ontario—W. C. Whittington | 295 |
| Notes From a British Sportsman—H. A. Thompson, Jr. | 87 |
| Odd Experiences—F. T. W. | 97 |
| Old Nickname Revived, An—F. C. Washburn | 704 |
| Ontario Bungalow Camps 1924 Fishing Trophy Competitions—A. O. Seymour | 736 |
| Parental Affection Among Small Animals W. Allen Wright | 31 |
| Pet Crow, A—J. H. McIlbee | 542 |
| Plea For Beginners, A—Earl Garrison | 155 |
| Plug in Florida Waters, The—Ray H. Forbes | 344 |
| Plug That Came Home, The—F. K. Singer | 479 |
| Preserve America's Emblematic Bird—Vernon Smith | 349 |
| Probably the "Trout Pickerel"—Samuel H. Gantt | 738 |
| Problems of the Duck Hunter—Capt. A. E. Burghduff | 26 |
| Public Shooting Grounds Needed—Victor L. Hesse | 280 |
| Rattlesnake, Squirrel and Rabbit—J. H. Blanchard | 278 |
| Road Runner in California, The—Burns Wood | 320 |
| Selecting the Pup—Geo. H. Rose | 670 |
| Some Other Ruffed Grouse Traits—E. A. Vickroy | 735 |
| Some 'Possum—Margaret Fitchett | 480 |
| Some Reminiscences in the Early Days in Manitoba—Mr. S. Cottingham | 163 |
| Sport With a Beagle—Alvin J. Gruenfelder | 280 |
| Squirrel Color Problem, The—R. E. Stratton, Sr. | 739 |
| Starting Early—Master Goergie and Lester Dunthorne | 544 |
| Still Hunters—A. F. Barstow | 220 |
| Still-Hunting Squirrels—Lewis W. Spradling, A. B., M. D. | 478 |
| Suggestion for Camp Cooks, A—Ernest I. Ewbank | 412 |
| Teaching Staunchness to the Bird Dog—Eugene McCall | 350 |
| That Bass Fishing Trip—Frank Howes | 605 |
| Three Kids and a Boat—Dr. Charles F. Harris | 738 |
| Three Pairs, The—John C. Mayreis | 540 |
| Treating Snake Bite—Colonel M. L. Crimmins | 480 |
| Tuna at Block Island—G. F. Aitken | 604 |
| Two Bears in a Den—Ernest Miller | 25 |
| Two With One Shot—J. A. Oppy | 479 |
| Unique Theory, A—C. H. Dunlop, D. D. S | 735 |
| Vaccinating Dogs—Henry P. Stacy | 412 |
| Warning to Dog Owners, A—Art Reppetoe | 220 |
| We are Reforming—Old Timer | 157 |
| What Does a Shovel Head Look Like?—Chas. Emmett | 671 |
| Who Has a Copy?—L. K. King | 157 |
| Who Tagged This Salmon?—George D. G. Bonbright | 479 |
| Who Wants to Buy Elk?—J. B. McAllister | 155 |
| Will Woodchucks Climb?—J. Raymond Holsopple | 556 |
| Woman Lands Rainbow Trout With Her Hands—Mrs. Alma A. Mead | 546 |
| Woodland Tragedy, A—F. R. Hodges | 28 |
| Yellow Legs on Opening Day—Robert A. Pecci | 737 |


## HUNTING AND SHOOTING


| | Page |
|---|---|
| Adirondack Deer Trails of 1908—Frederick A. Potter | 694 |
| All Ready for Camp Perry | 531 |
| Archery—L. E. Stemmler | 471 |
| Audacious Hawk, An—R. B. Goetschius | 432 |
| Barren Ground and Woodland Caribou—Capt. Beverley W. Robinson | 8 |
| Big Game Cartridges—Byron E. Cottrell | 653 |
| Big Game Hunting in the North—Henry A. Roberts | 81 |
| Bob White and Bird Dogs—Seneca | 12 |
| Bob White and Bird Dogs—Seneca | 78 |
| Capturing Antelope Kids—James M. Floyd | 744 |
| Chamberless Shotguns—C. S. Landis | 80 |
| Choosing the Gun and Load—C. S. Landis | 272 |
| Choosing the Size of Shot—C. S. Landis | 206 |
| Cousin Joe Le Duc—Frank Rorke | 73 |
| Deformation of Shot | 424 |
| Duck Hunt in the Bahama Islands, A—J. M. Murray | 661 |
| Duck Shooting on Shinnecock—Dr. Addison Raynor | 3 |

## HUNTING AND SHOOTING—Cont'd.


| | Page |
|---|---|
| Dwellers of the Open Country—Capt. Beverley W. Robinson | 722 |
| Effective Moose Loads—Professor Albert V. S. Pulling | 658 |
| Elk Hunting in the Rockies—Capt. Beverley W. Robinson | 528 |
| English Trap Shots Improve | 483 |
| Few Bullets I Have Known, A—Hervey Lovell | 160 |
| Game Breeding In America — George Hebden Corsan | 718 |
| Grouse—R. Bailey | 676 |
| Hare Raiser, A—Dr. Frank L. Bailey | 135 |
| Historic Duelling Pistols—Von Lengerke & Detmold, Inc. | 618 |
| Hunter Goes After Bear With Gun, Dogs and Camera | 31 |
| Hunting With the Ilongots—George Ballard Bowers | 228 |
| "Just a Hunt"—George Disraeli Hogan | 362 |
| Minstrels of the Meadows—Capt. Beverley W. Robinson | 464 |
| Mostly Whistlers—Frank Linwood Bailey | 717 |
| My First Shotgun—W. L. Rideout | 740 |
| My First Snow-Shoe Rabbit—Lou Smith | 134 |
| Mystery Deer, The—Dr. John W. Sowles | 289 |
| On the Trail of Old Lobo—Dr. Walter L. Finton | 273 |
| On the Trail of Ursus—Capt. Beverley W. Robinson | 334 |
| On the Snipe Meadows—"Jack" | 591 |
| Open Seasons for Game, 1924-25 | 534 |
| Outwitting the Sand Hill Crane—Dr. J. B. Cecka | 734 |
| Packing Out Your Buck—Hamilton M. Laing | 668 |
| Patience and Mallards—Seneca | 292 |
| Penetration—Ernest Miller | 725 |
| Pheasant Time in Idaho—Henry H. Graham | 592 |
| Quail Hunting With Proctor Brown's Jake —Anne Williams Gibson | 707 |
| Quest of the Agile Grays, The—Robert Page Lincoln | 662 |
| Reloading Rifle Ammuntion—Gilbert S. Thompson | 486 |
| Reloading Rifle Ammunition—Gilbert S Thompson | 552 |
| Reloading Rifle Ammunition—Gilbert S. Thompson | 612 |
| Remarkable Trapshooting Averages | 92 |
| Return of the Free Rifle, The—C. S. Landis | 15 |
| Rifle Sight Adjustment—Willis O. C. Ellis | 422 |
| Ringtail—E. D. Bleecker | 389 |
| Roosting Turkeys—Osceola | 74 |
| Shooting on the Coast of British Columbia—Sir Charles Piers, Bart | 230 |
| Silver Tips in Mexico—Howard Slaten | 656 |
| Small Bore High Power Rifles—Byron E. Cottrell | 166 |
| "Smoke-Screens"—Frank Rorke | 476 |
| Soldier-Sportsmen — Robert C. Wright Captain 7th Inf | 720 |
| Some Observations on Moose—Capt. Beverley W. Robinson | 142 |
| Some Queer Experiences With Reynard—John L. Woodbury | 678 |
| Summer Shooting—C. S. Landis | 395 |
| Talk on Turkeys, A—Osceola | 643 |
| Their First Rabbit—Walter D. Edmunds, Jr. | 133 |
| Twenty Gauge on Ducks, The—E. W. Ehmann | 515 |
| Vacationist's Rifle, The—Willis O. C. Ellis | 333 |
| What Are You Going to Do About it?—(From The American Rifleman) | 361 |
| Why I Use Fine Shot—Lou Smith | 742 |
| Wild-fowling in Northern Alberta—K. H. Broadus | 596 |
| Yellowlegs Reminiscences—Frank Linwood Bailey | 560 |


## MISCELLANEOUS


| | Page |
|---|---|
| Adventures in Comradeship—W. Livingston Larned | 6 |
| Adventures in Comradeship—W. Livingston Larned | 70 |
| Adventures in Comradeship—W. Livingston Larned | 136 |
| Bandit's Protective Law, A—Chas. J. Lisle | 482 |
| Canyon Club | 384 |
| Chesapeake Ducks Killed by Phosphorus Poisoning | 232 |
| Condensed Bee Hunting—George T. Freihofer | 466 |
| Do You Want a Buffalo? | 619 |
| Duck Decoy Exhibition | 232 |
| F. H. Schauffler to Visit Foreign Gun Manufacturers | 417 |
| Fox Does 35 Miles An Hour But Fails at 40 | 92 |
| J. A. R. Elliot | 682 |
| "Les Raquettes"—Stag Murray | 16 |
| Life on a Homestead—F. D. Howe | 11 |
| Mounting vs. Stuffing | 703 |
| "Old Blue" a Notorious Wolf | 236 |
| Prohibition of Fire Arms, The—Howard Phillips | 298 |
| Rest—Donald Holbrook | 682 |
| Riding the Wild Bull Moose of Grand Lake—Dr. Thomas Travis | 732 |
| Seeing Around Corners | 481 |
| Skunk Strong for Revenge—F. L. Bailey | 92 |
| Summer Course in Forestry and Nature Study | 355 |
| Unique Fur Farm, A—Wm. J. McNulty | 680 |
| When Lightning Strikes—C. Moran | 532 |


## NATURAL HISTORY


| | Page |
|---|---|
| Antlers—John Duncan | 458 |
| Blackie of the Tree Tops—Don Cameron Shafer | 589 |
| Hibernation—Gerge W. Harvey | 713 |
| Little About Woodchucks. A—George P. Dernier | 360 |
| Morals in Nature—William Everett Cram | 650 |
| More Arborial 'Chucks—Elton Chapman. | 683 |
| More Road Runner Information | 364 |
| Pet Fox, A—Henry C. Eckland, Jr. | 254 |
| Road Runner, The—Dr. R. W. Shufeldt, C. M. Z. S, Etc. | 154 |
| Ruffed Grouse Traits—Wallace Byron Grange | 579 |
| Story in White, A—Edwin C. Hobson | 67 |
| Weasel, The—R. S. | 92 |


## NESSMUK'S CAMP FIRE


| | Page |
|---|---|
| Additional Notes on Rod Varnishing—Harry Irwin | 215 |
| Auto-Camping Water Cooler and Carrier —W. A. K. | 151 |
| Auto Spring Lubrication Covers—W. A. Kimball | 475 |
| Blanket Patch | 277 |
| Boiled Potatoes | 277 |
| Boiled Rice | 277 |
| Broiling Small Fish—S. N. A. | 730 |
| Camp Cooking Device, A | 84 |
| Camping Sites for Tourists | 84 |
| Camp Outfit | 667 |
| Canoe Rack, A—J. T. G. | 84 |
| Checking a Stock—J. T. Garver | 85 |
| Chimney for Fireplace—David B. Clark | 538 |
| Clam Chowder—S. N. A. | 731 |
| Collapsible Tent Pole | 151 |
| Convenient Auto-Kitchenette, A—A. D. Hard | 276 |
| Effective Dead Fall, An—E. A. Vickroy | 667 |
| Everyman's Sport—Auto-Camping | 85 |
| Family Camping Outfit, A—Ralph Lenis Kimball | 340 |
| "Fishing Thru the Ice in Shanty Boat Comfort"—Harry Irwin | 20 |
| Frying-Pan Device—F. C. Lawrence | 539 |
| Heating the Tent | 667 |
| Hints for Campers—J. H. Freeman | 151 |
| Home-Made Gromet Set—Harry Irwin | 730 |
| Improvised Handles—Albert McDowell | 730 |
| Kamp Kitchens, Kooking and Kamp Fires—Harry Irwin | 408 |
| Kamp Kook Gas Stove Shelf—W. A. Kimball | 151 |
| Kampkook Stove for Auto-Campers | 85 |
| Kitchen Kinks for the Kamp Kook—Harry Irwin | 600 |
| Loading Big Game—A. M. | 731 |
| Making the Camp Cot More Comfortable—W. K. | 475 |
| More Kinks for the Kamp Kook—Harry Irwin | 666 |
| Mosquito-Proof Tent | 666 |
| Our Convenient Grub Box—Mrs. C. W. Shumaker | 150 |
| Outdoor Pudding—Richard Bond | 538 |
| Presto Auto Tent | 84 |
| Radiator Coffee—Van Allen Lyman | 474 |
| Rain Flap For Tent—W. A. Kimball | 277 |
| Safety Snake-Stick, The—Charles E. Nash | 731 |
| Shelter for the Night—Seneca | 667 |
| Sleeping-Bag for One—Jim Ferguson | 474 |
| Some Camp Hints—"Jack, a Hunting Crank" | 539 |
| Some Camp Stoves—Dale R. Van Horn | 214 |
| Spring-Bed, A—Gertrude I. Sutton | 538 |
| Stock Fly Box—Harry Irwin | 215 |
| Tomato Can Pipe-Elbow—A Camper | 539 |
| Useful Articles—Jim Ferguson | 277 |
| Wading Net—"West Branch" | 475 |
| Wind, Water and Matches—Harry Irwin | 730 |


## TRAPPING


| | Page |
|---|---|
| Modern Trapping Methods — Raymond Thompson | 518 |
| Modern Trapping Methods — Raymond Thompson | 582 |
| Modern Trapping Methods — Raymond Thompson | 646 |
| Modern Trapping Methods — Raymond Thompson | 710 |
| No Jersey Muskrats for Non-Res'dent Boys—New Jersey State Fish and Game Commission | 88 |
| Trapping the Coyote—Rodney Gregg | 139 |